

IAVROVA, I.G.

System of organization of attendance of patients in polyclinics.  
Sovet. med. 23 no.2:149-151 F '59. (MIRA 12:3)

1. Iz kafedry organizatsii zdravookhraneniya (zav. S.V. Kurashov)  
I Moskovskogo ordena Lenina meditsinskogo instituta imeni I.M.  
Sechenova.

(OUTPATIENT SERVICES  
attendance organiz. in Russia (Rus))

"APPROVED FOR RELEASE: 06/20/2000

CIA-RDP86-00513R000928830003-8

LAVROVA, I.G., kand.med.nauk

"Organization of the public health system" by K.V.Maistrakh.  
Reviewed by I.G.Lavrova. Sov.zdrav. 19 no.12:68-70 '60.

(PUBLIC HEALTH ADMINISTRATION) (MIRA 14:3)  
(MAISTRAKH, K.V.)

APPROVED FOR RELEASE: 06/20/2000

CIA-RDP86-00513R000928830003-8"

ARKHAGEL'SKAYA, L.N., kand.med.nauk; LAVROVA, I.G.

Experience in public health work of departments of the  
Sechenov First Moscow Medical Institute at the Moscow  
"Kauchuk" Factory. Sov. med. 24 no. 10:139-143 O '60.

(MIRA 13:12)

1. Iz I Moskovskogo ordena Lenina meditsinskogo instituta im.  
I.M. Sechenova.  
(MOSCOW—INDUSTRIAL MEDICINE)

LAVROVA, I. G., dotsent

Teaching statistics to students of medical institutes; a report  
on the symposium of European states. Zdrav.Ros.Feder. 7 no.1:41-  
42 Ja '63. (MIRA 16:2)

1. Iz kafedry organizatsii zdravookhraneniya (zav. S.V. Kurashov)  
I Moskovskogo ordena Lenina meditsinskogo instituta imeni I.M.  
Sechenova.

(MEDICAL STATISTICS—CONGRESSES)

GOMEL'SKAYA, G.L.; KOSAGOVSKIY, I.V.; LAVROVA, I.G.; RODOV, Ya.I.;  
SOBOLEVSKIY, G.N.; TROSHINA, I.M.; FERSHTUDT, V.I.;  
SHTRAUS, Z.E.; MEL'NIKOV, Ye.B., red.

[Problems for practical work on the organization of public  
health] Zadaniia k prakticheskim zaniatiiam po organizatsii  
zdravookhranenia. Izd.2., ispr. i dop. Moskva, 1963. 167 p.  
(MIRA 16:12)

1. Moscow. Pervyy meditsinskiy institut. Kafedra organizatsii  
zdravookhraneniya. 2. Kafedra organizatsii zdravookhraneniya  
Pervogo moskovskogo meditsinskogo instituta (for all except  
Mel'nikov).

(PUBLIC HEALTH--HANDBOOKS, MANUALS, ETC.)

LAVROVA, I.G.; RODOV, Ya.I. (Moskva)

Teaching statistics in medical institutes. Sov. zdrav. 22 no.9:  
47-50 '63. (MIRA 17:4)

1. Iz kafedry organizatsii zdravookhraneniya i Moskovskogo  
ordena Lenina meditsinskogo instituta imeni I.M. Sechenova.

NESTURKH, M.F.; GLADKOVA, T.D.; PORSHNEV, B.F.; SHAYER, Ye.G.; NIKITYUK, B.A.; PAVLOV, B.K.; DMITRIYEV, Ye.A.; LINKOVSKIY, Zh.B.; PLOKHINSKIY, N.A.; LAVROVA, I.G.; BORISOV, G.V.

Brief news. Biul. MOIP. Otd. biol. 70 no.3:127-140 My-Je '65.  
(MIRA 18:10)

VOROSHILOVA, M.K.; TOL'SKAYA, Ye.A.; LAVROVA, I.K.; KOROLEVA, G.A.

Risk of malignant degeneration of continuously growing cell cultures  
and their use for virological purposes. Vop.virus. 5 no.3:360-  
367 My-Je '60. (MIRA 13:9)

1. Laboratoriya immunologii Instituta po izucheniyu poliomiyelita  
AMN SSSR, Moskva.

(VIRUSES) (NEOPLASMS)

ZALESKAYA, T.Ye.; LAVROVA, I.K.

Dehydration of  $\alpha$ -glycols. Zhur. ob.khim. 34 no. 5:1688 My '64.  
(MIRA 17:7)

1. Leningradskiy tekhnologicheskiy institut tsellyuloczno-  
bumazhnoy promyshlennosti.

ZALESSKAYA, T.Ye.; LAVROVA, I.K.

Dehydration of  $\alpha$ -glycols. Part 1: Effect of the nature of reagents on the course of dehydration of asymmetric methyl p-tolylpinacol. Zhur. org. khim. 1 no. 7:1215-1218 Jl '65.  
(MIRA 18:11)

1. Leningradskiy tekhnologicheskiy institut tsellulozno-bumazhnoy promyshlennosti.

KURIL'CHIKOV, Ye.A.; TENENBAUM, A.L.; LIPINSKIY, S.P.; LAVROVA, I.N.

Spinning of staple fiber without guide-pulley. Khim.volok.  
no.5:38-41 '59. (MIRA 13:4)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut iskusstvennogo volokna (VNIIV).  
(Rayon spinning)

TSYAN<sup>1</sup> ZHEN<sup>1</sup>-YUAN<sup>1</sup> [Ch'ien Jen-yuan], prof.; RAFIKOV, S.R., prof., red.; DUBROVSKAYA, N.A., red.; LAVROVA, I.N., red.; KHOMYAKOV, A.D., tekhn.red.

[Determination of the molecular weights of polymers] Oprede-  
lenie molekuliarnykh vesov polimerov. Pod red. S.R.Rafikova.  
Moskva, Izd-vo inostr.lit-ry, 1962. 234 p. Translated from  
the Chinese. (MIRA 15:5)

(Polymers) (Molecular weights)

RODOV, Ya.I.; KOSAGOVSKIY, I.V.; GOMEL'SKAYA, G.L.; LAVROVA, I.T.;  
SOBOLEVSKIY, G.N.; SHTRAUS, Z.E.; TROSHINA, I.M.; FERSHTUDT, V.I.

"Theory and organization of the Soviet public health system"  
by G.A. Batkis and L.G.Lekarev. Reviewed by IA.I. Rodov and  
others. Zdrav. Ros. Feder. 6 no.4:41-42 Ap '62. (MIRA 15:4)  
(PUBLIC HEALTH) (BATKIS, G.A.) (LEKAREV, L.G.)

USSR/Electricity - Dielectrics

E-2

Abs Jour : Rof Zhur - Fizika, No 3, 1957, No 6953

Author : Levrove, I.V.

Title : Dielectric Separation of Solids on Inclined Planes with Application of Planar Repelling Electric Fields.

Orig Pub : Uch. zap. Mosk. gor. ped. in-t, 1955, (1956), 50, 37-58

Abstract : A method is proposed for separating powdered mixtures, consisting of components with different dielectric constants ( $\epsilon$ ). mounted in an inclined plexiglass plate are four wires which are almost parallel at the narrowest place and which diverge from the top downward. Each inner end each outer pair of wires is charged at the same polarity. When particles having different dielectric constants glide over such a plane, different ponderomotive forces will act on them, and consequently the particles will be deflected differently from their initial paths. The electric field produced by four parallel charged wires in a plane perpendicular to the wires is calculated. The field intensity E, grad E, and the ponderomotive forces ( $\sim \epsilon \cdot \text{grad } E$ ) are calculated for the case when the conductors are in vacuum. In the author's opinion, the presence of dielectrics (plate and separable mixture) do not change substantially the configuration of the calculated

Cord : field.

OSORGIN, A.V.; LAVROVA, I.V.; PSHENITSYNA, I.F.; VYSKUBOVA, M.M.; SEMENOV,  
M.N., red.; ROROKINA, Z.P., tekhn. red.

[Problems in the comprehensive development of transportation in the  
virgin and fallow land region of northern Kazakhstan] Voprosy kompleksnogo razvitiia transporta v raionakh osvoeniiia tselinnykh i  
zalezhnykh zemel' Severnogo Kazakhstana, Alma-Ata Izd-vo akad. nauk  
Kazakhskoi SSR, 1957. 107 p. (Akademiiia nauk Kazakhskoi SSR, Alma-  
Ata Institut ekonomiki. Trudy, vol. 1). (MIRA 11:3)  
(Kazakhstan--Transportation)

LAVROVA, I. V., Cand. Economic Sci.;

"The Transportation Network of Kazakhstan." Promyshlennost' Kazakhstana za 40 let; sbornik statey (The Industry of Kazakhstan During the Last Forty Years; Collection of Articles) Alma-Ata, Kazgosizdat, 1957. 150 p.

This is a very thorough survey of all new and planned railways and highways, and of the water transportation lines. Some turnover data are given in percent.

LAVROVA, I. V.

LAVROVA, I.V., kand. ekon. nauk; VYSKUBOVA, M., mladshiy nauchnyy sotrudnik.

Economic relations and transport communications of Kazakhstan.  
Vest. AN Kazakh. SSR 13 no.10:41-57 O '57. (MIRA 10:12)  
(Kazakhstan--Economic conditions)  
(Transportation)

CHIGARKIN, A.V.; TRIFONOVA, T.M.; SMIRNOVA, R.Ya.; KAZANSKAYA,  
Ye.A.; VILESOVA, L.A., MUKHAMEDZHANOV, S., kand. geologo-  
miner. nauk; GLADYSHEVA, Ye.N., kand. geogr. nauk;  
BAZARBAYEV, K.; KUZNETSOVA, Z.V.; AEDRAKHMANOV, S.;  
NAZARENKO, I.M., kand. geogr. nauk; YESAULENKO, P.I.,  
kand. sel'khoz. nauk; LAVROVA, I.V., kand. ekonom. nauk;  
PAL'GOV, N.N., akademik, red.; CHEZGANOV, L., red.;  
NAGIBIN, P., tekhn. red.

[The Virgin Territory; brief studies on nature, population  
and economy] TSelinnyi krai; kratkie ocherki o prirode, na-  
selenii i khoziaistve. Alma-Ata, Kazakhskoe gos. izd-vo,  
1962. 188 p. (MIRA 15:9)

1. Otdel geografii Akademii nauk Kazakhskoy SSR (for all  
except Chezganov, Nagibin). 2. Akademiya nauk Kazakhskoy  
SSR (for Pal'gov).

(Virgin Territory—Economic geography)

S/079/62/032/012/002/008  
D424/D307

AUTHORS: Shostakovskiy, M.F., Sokolov, B.A., Grishko, A.N.,  
Lavrova, K.F. and Kazan, G.I.

TITLE: Addition of fluorohydrosilanes to unsaturated com-  
pounds

PERIODICAL: Zhurnal obshchey khimii, v. 32, no. 12, 1962,  
3882-3885

TEXT: The above reaction has not been studied previously because of the difficulty of synthesizing compounds of the type  $R_nSiHF_{3-n}$ . A number of such compounds has now been synthesized, in 60-80% yields, by the reaction of the corresponding alkyl or aryl chlorohydrosilanes with concentrated HF at room temperature, over 30-40 minutes. The following additions were carried out, using a 0.1 N solution of chloroplatinic acid in iso-propanol as catalyst: diethylfluorosilane to allyl chloride, and methylpropyl-, methyliso-propyl-, methylbutyl-, and methyliso-butylfluorosilanes and methyl- and propyldifluorosilanes to styrene. The first of these additions Card 1/2

Addition of fluorohydrosilanes ...

S/079/62/052/012/002/003  
D424/D507

proceeded in accordance with Markovnikov's rule to give  $\gamma$ -chloro-propyldiethylfluorosilane. Each of the additions to styrene proceeded in two directions - in accordance with an contrary to Markovnikov's rule - to give predominantly the  $\alpha$ - and some  $\beta$ -isomers. Identities of the adducts formed were established by comparing their Raman spectra with those of the compounds obtained by fluorinating the corresponding chloro compounds. Addition of the dialkyl-monofluorosilanes to styrene takes place more vigorously than that of the corresponding chloro compounds, giving higher yields. The physical constants of five of the dialkylfluorosilanes and of 11 of the styrene addition products and the Raman spectra of 10 of the styrene addition products are given: 15 of these compounds are new. There are 2 tables.

ASSOCIATION: Irkutskiy institut organicheskoy khimii Sibirskogo otdeleniya Akademii nauk SSSR (Irkutsk Institute of Organic Chemistry of the Siberian Branch of the Academy of Sciences USSR)

SUBMITTED: December 15, 1961  
Card 2/2

SHOSTAKOVSKIY, M. F.; SOKOLOV, B. A.; GRISHKO, A. N.; LAVROVA, K. F.;  
KAGAN, G. I.

Addition of silane fluorides to unsaturated compounds. Zmir.  
ob. khim. 32 no. 12:3882-3885 D '62. (MIRA 16:1)

1. Irkutskiy institut organicheskoy khimii Sibirskogo otdeleniya  
AN SSSR.

(Silicon organic compounds)  
(Unsaturated compounds)

L 18801-65 EPF(c)/EWP(j)/EWT(m) PC-4/PR-4 EM  
ACCESSION NR: AP4049467 S/0079/64/034/011/3610/3612,

AUTHOR: Sokolov, B.A., Grishko, A.N., Lavrova, K.F., Kagan, G.I.

TITLE: Reaction of hydrosilanes with propargyl alcohol

SOURCE: Zhurnal obshchey khimii, v. 34, no. 11, 1964, 3610-3612

TOPIC TAGS: hydrosilane, alkylsilane, propargyl alcohol, silicoorganic compound

ABSTRACT: Mixing propargyl alcohol with methyldiethylsilane in the presence of 0.3 ml 0.1M  $H_2PtCl_6 \cdot 6H_2O$  as a catalyst followed by heating at 130C produces  $\gamma$ -(methyldiethylsilyl) allyl alcohol together with an ester,  $R'R_2SiCH - CHCH_2OSiR'R_2$  where R is  $C_{2-5}H_{5-10}$  and R' is  $CH_3$ . The same type of reaction occurs when triethylsilane or methyldibutylsilane is added. With methyldiethylsilane, propargyl alcohol forms  $\gamma$ -(methyldiethylsilyl) allyl alcohol, b.p. 74C (2mm),  $n_D^{20} 1.4596$ ,  $d_4^{20} 0.8750$  and ( $\gamma$ -methyl-diethyisilylallyloxy) methyldiethylsilane, b.p. 90-92C (1.5 mm),  $n_D^{20} 1.4489$ ,  $d_4^{20} 0.8575$ . With triethylsilane it forms  $\gamma$ -(triethylsilyl)allyl alcohol,

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L 18801-65

ACCESSION NR: AP4049467

2

b.p. 96C (8 mm),  $n_{D}^{20}$  1.4663,  $d_{4}^{20}$  0.8857 and ( $\gamma$ -triethylsilylallyloxy) triethylsilane,  
b.p. 105C (1 mm),  $n_{D}^{20}$  1.4585,  $d_{4}^{20}$  0.8689. Action on methyldibutylsilane it  
produces  $\gamma$ -(methyldibutylsilyl) allyl alcohol, b.p. 115C(2 mm),  $n_{D}^{20}$  1.4638,  $d_{4}^{20}$  0.8668  
and ( $\gamma$ -methyldibutylsilylallyloxy) methyldibutylsilane, b.p. 170C (2 mm),  $n_{D}^{20}$  1.4550,  
 $d_{4}^{20}$  0.8509. These compounds are not described in the literature. Their structure  
was proven by infrared spectroscopy. "The analyses were performed by G. Gladkova."  
Orig. art. has: 1 figure.

ASSOCIATION: Irkutskiy institut organicheskoy khimii Sibirskogo otdeleniya Akademii  
nauk SSR (Irkutsk Institute of Organic Chemistry, Siberian Division of the SSSR Academy  
of Sciences)

SUBMITTED: 31Jul63

ENCL: 00

SUB CODE: OC

NO REF SOV: 006

OTHER: 000

Card 2/2

L32216-65 EPI(n)/EPF(c)/T/EMP(j)/EPR Pe-l/Pr-l/Ps-l RPL MW/RM  
S/0000/64/000/000/0153/0159

ACCESSION NR: AT5002126

AUTHOR: Sokolov, B.A.; Grishko, A.N.; Lavrova, K.F.; Kagan, G.I.

TITLE: Synthesis of fluorosilico-organic monomers

SOURCE: AN SSSR. Institut neftekhimicheskogo sinteza. Sintez i svoystva monomerov  
(The synthesis and properties of monomers). Moscow, Izd-vo Nauka, 1964, 153-159

TOPIC TAGS: heteroorganic compound, silicoorganic compound, fluorosilico-organic  
compound, hydrochlorosilane, hydrofluorosilane, chlorosilane, fluorosilane

ABSTRACT: In a 3-part study, the authors first investigated the fluoridation of hydrochlorosilanes by  $SbF_3$ ,  $NH_4F$ ,  $ZnF_2$ ,  $CoF_2$ ,  $AgF$ , and 48% HF in order to determine an effective fluoridizer for the synthesis of hydrofluorosilanes of the type  $R_nSiHF_{3-n}$  ( $n = 1, 2$ ) containing Si - H and Si - F bonds. By treating alkyl-(aryl)-hydrochlorosilanes with concentrated HF for 30-40 minutes at room temperature, a procedure found to be most effective, a series of fluorinated products was obtained in 60-80% yield; the physical properties of these compounds are tabulated. They then investigated the addition of the hydrofluorosilanes obtained to styrene and allyl chlorides in the presence of 0.1 N  $H_2PtCl_6$  in isopropyl alcohol, in a reaction which may either follow or disobey the Markovnikov rule. This resulted in a series of 12 addition products in

Card 1/2

30  
8+1

L 32216-65  
ACCESSION NR: AT5002126

D  
4-76% yield. They also investigated the fluoridation of chlorosilanes by the same fluoridizers, resulting in 20 derivatives in yields of 12-88%. The physical properties of all these products are also tabulated. The preparative procedure for several representative products is described in detail and the spectra of some of the products are supplied. The hydrofluorosilanes and 24 of the fluorosilanes are said not to have been previously described in the literature. Orig. art. has: 3 tables and 1 formula.

ASSOCIATION: none

SUBMITTED: 30Jul64

ENCL: 00

SUB CODE: OC

NO REF Sov: 005

OTHER: 009

Card 2/2

SIBIRTSEV, G.Ye.; BEISKAYA, T.G.; LAVROVA, K.V.

Application of specific bacteriophage in the treatment of diphtheria.  
Pediatriia, Moskva no.2:22-23 Mar-Apr 1953. (CIML 25:4)

1. Honored Physician RSFSR for Sibirtsev. 2. Of Tomsk Institute  
of Vaccines and Serums (Director -- Prof. T. D. Yanovich; Scientific  
Supervisor -- Prof. S. P. Karpov, Corresponding Member AMS USSR).

LAVROVA, K.V.

Peculiarities of clinical aspects of diphtheria in children effectively inoculated with diphtheria anatoxin. Kaz.med.zhur. no.5:50-52 S-O '60.  
(MIRA 13:11)

l. Iz kafedry detskikh infektsionnykh bolezney (zav. - dotsent V.L.  
Eberts) Tomskogo meditsinskogo instituta.  
(DIPHTHERIA)

LAVROVA, K.V.

Length of time during which vaccinated and unvaccinated dysentery patients carry the pathogens. Zhur. mikrobiol. epid. i immun. 31 no. 5:116 My '60.  
(MIRA 13:10)

1. Iz Tomskogo meditsinskogo instituta.  
(DYSENTERY)

LAVROVA, K.V.

Clinical and epidemiological parallels in diphtheria in vaccinated  
and nonvaccinated children according to data from the city of  
Tomsk. Pediatrilia 38 no.6:22-26 Je '60. (MIRA 13:12)  
(TOMSK--DIPHTHERIA)

LAVROVA, K. V., Cand. Medic. Sci. (diss) "Diphtheria Among the  
Innocalulated According to Data from City of Tomsk," Tomsk, 1961,  
16 pp. (Omsk Med. Inst.) 250 copies (KL Supp 12461, 286).

LAVROVA, K.V.

Clinical characteristics of diphtheria in Tomsk for the last five years (1956-1960). Trudy TomNIIVS 14:108-113 '63.  
(MERA 17:7)

1. Tomskiy meditsinskiy institut.

POLAND

LAVROVA, K. W., and SHYLOVA, J. A., Chair for Child Infectious Diseases (Scientific Director: Docent W. L. EBERTS), State Medical Institute in TOMSK (USSR) (Rector: Prof. I. W. TOROPTSEV) on material from the Hospital of Infectious Diseases imeni of Deserving Physician RSFSR G. E. Sibirtsev (Chief Physician: L. I. VINTOVKIN) [Original version not given] - translated by DOBROVOL'SKII, Dymitr, Dr.

"Clinical, Diagnostic, and Prognostic Value of the Urine Precipitate Color Test in Diphtheria."

Warsaw, Polski Tygodnik Lekarski, Vol 18, No 26, 24 Jun 63, pp 929-931.

Abstract: [Authors' English summary] The urine precipitate color test was performed in 55 patients suffering from diphtheria, and repeated several times in the course of the disease. The relation between the color intensity and severity of the case was studied, and a direct relationship was obtained. The authors consider the urine precipitate color test to be more sensitive than the red blood cell sedimentation rate. 21 Soviet references.  
1/1

YEREMIN, Yu.G.; LAVROVA, L.A.; RAYEVSKAYA, V.V.; ROMANOV, P.N.

Use of organic reagents for determining microimpurities in  
metals and alloys. Prom.khim.reak. i osobo chist.veschch. no.3:  
22-48 '63. (MIRA 17:4)

YEREMIN, Yu.G.; LAVROVA, L.A.; RAYEVSKAYA, V.V.; ROMANOV, P.N.

Current methods for determining small quantities of cerium. Zav,lab.  
30 no.12:1427-1433 '64.  
(MIRA 18:1)

9.9700

S/169/62/000/006/037/093  
D228/D304

AUTHOR: Lavrova, L. D.

TITLE: Determination of ground resistances on the communication line Mikhtuya-Mirnyy by the electric prospecting method

PERIODICAL: Referativnyy zhurnal, Geofizika, no. 6, 1962, 31, abstract 6A235 (Byul. nauchno-tekh. inform. Vses. projektno-izyskat. i n.-i. in-t "Gidroproyekt", no. 13, 1961, 97-99)

TEXT: Symmetrical profiling and high-frequency electric sounding were employed to determine the ground conductance on a planned power line (a survey depth of down to 20 m). / Abstracter's note: Complete translation. / VB

Card 1/1

MEYERZON, Solomon Izrailevich; LAVROVA, L.M., red.

[Protection of Soviet inventions abroad] Zashchita so-  
vetskikh izobretений за granitsei. Moskva, IUridiche-  
skaia literatura, 1965. 98 p. (MIRA 18:10)

LAVROVA, L.N.

P.F.Kudriaytsev (1863-1935). Zdrav.Ros.Feder. 7 no.2:30-31  
F '63. (MIRA 16:4)

1. Kafedra organizatsii zdravookhraneniya i istorii meditsiny  
Ryazanskogo meditsinskogo instituta imeni akademika I.P.Pavlova.  
(KUDRIAVTSEV, PETR FILIPOVICH, 1863-1935)

"APPROVED FOR RELEASE: 06/20/2000

CIA-RDP86-00513R000928830003-8

LAVROVA, L.N., assistant (Krasnoyarsk)

History of the Ryazan Municipal Public Health Department. Sov.  
zdrav. 22 no.4:29-32 '63. (MIRA 16:4)  
(RYAZAN--PUBLIC HEALTH)

APPROVED FOR RELEASE: 06/20/2000

CIA-RDP86-00513R000928830003-8"

BENKEN, A.A.; LAVROVA, L.N.; USPENSKAYA, G.D.

Development of *Verticillium dahliae* Kied. as related to the conditions of nutrition. Nauch.dckl.vys.shkoly; biol.nauki no.3:118-124 '65. (MIRA 18:8)

I. Rekomendovana kafedroy nizshikh rasteniy Moskovskogo gosudarstvennogo universiteta i laboratoriyyey mikologii Vsesoyuznogo nauchno-issledovatel'skogo instituta zashchity rasteniy.

LAVROVA, L.N.

State of zemstvo medicine in Ryazan Government. Nauch. trudy  
Riaz.med.inst. 18 no.2:23-31 '64.

Aleksandr Gustavovich Smitten, 1879-1928; on the 35th anniversary  
of his death. Ibid.:32-37

Sergei Mikhailovich Tikhodeev, organizer of roentgenological  
service in the City of Ryazan, 1895-1951. Ibid.:38-41

Petr Porfir'evich Sitkovskii, 1882-1933; on the 80th anniversary  
of his birth. Ibid.:42-43

Sergei Pavlovich Kravkov, 1893-1951; on the 70th anniversary of  
his birth. Ibid.:44-46 (MIRA 19:1)

1. Kafedra organizatsii zdravookhraneniya i istorii meditsiny  
(zav. kafedroy - prof. V.V.Treyman) Ryazanskogo meditsinskogo  
instituta.

L'VOVA, S.D.; YEVSTIGNEYEVA, R.P.; LAVROVA, L.N.; FILIPPOVICH, Ye.I.;  
PREOBRAZHENSKIY, N.A.

Claisen condensation of  $\alpha$ -methyllevulinic acid esters. Zhur.  
org. khim. 1 no.9:1560-1563 S '65. (MIRA 18:12)

I. Moskovskiy institut tonkoy khimicheskoy tekhnologii imeni  
M.V. Lomonosova. Submitted July 17, 1964.

LAVROVA, L.

PROCESSES AND PROPERTIES INDEX

29

Unhairing of wool by-products by hot alkali. A. Konnikov, L. Lavrova, and K. Balashova. *Mysnaya Molochnaya Prom.* 1945, No. 1, 33-7. -- Rapid and effective removal of hair and other keratin-type growths from hides is accomplished by a rapid dip (2-5 min.) in 2-3% NaOH at 75-95°; the hides are then washed rapidly in water to prevent further action of alkali on the skins and then dipped in 0.5% AcOH. The by-products of hide industry, i.e. heads or feet, after this treatment are usable for the prepn. of food products (gelatin, etc.) which are produced in a palatable and uncontaminated form, superior to that obtained by older single-hair removal.  
G. M. Kosolapoff

ASD-SLA METALLURGICAL LITERATURE CLASSIFICATION

LAVROVA, L. P.

"Moisture Absorbability of Meat During Salting." Sub 25  
Apr 47, Inst of National Economy imeni G. V. Plekhanov

Dissertations presented for degrees in science and engineering  
in Moscow in 1947

SO: Sum No. 457, 18 Apr 55

Lavrova L., etc.  
Excerpta Medica 1/2 sec 17 Feb 55 Pub. Health, Social Medicine & etc.

1001. LAVROVA L., LYASKOVSKAYA YU. and IVANOVA A. \*Protective  
coatings for smoked products of pork MYASNAYA IND. S.S. S.R.  
1953, 24/4 (29-34)

Test data are tabulated (bacteria and mould count and peroxide and acid numbers  
of the fat) to indicate the efficiency of various coatings for protection of smoked  
meats. The coatings tested were gelatin and several synthetic materials (poly-  
amide, polyvinyl acetate, polyvinyl chloride, and some cellulose derivatives). In  
general coated products (bacon) were more stable than controls. The gelatin  
coating was made from a solution comprising gelatin 19, glycerol 3.5, benzoic  
acid 1, water 76.5%.

Piskur (Chem. Abstr.)

USSR:

Accelerating curing of meat with increased temperatures.  
L. Lavrova, N. Kryuchenko, and T. Poliatcov. *Mysnoye*,  
1954, p. 25, No. 8, 18-19(1954).—The literature on  
high-temp curing is reviewed. A new method and equip-  
ment for the method is based on using an Alamine curing  
salt, and a temp. of about 60°. Curing is completed in  
about 18 hrs.

LAVROVA, L.P., kandidat tekhnicheskikh nauk; LYASKOVSKAYA, Yu.N., kandidat tekhnicheskikh nauk; SHISHKINA, N.N., kandidat tekhnicheskikh nauk; DYKLOP, V.K., kandidat biologicheskikh nauk; IVANOVA, A.A., mладший научный сотрудник; KALENOVA, M.S.; DUBROVINA, L.I.; POLETAYEV, T.N.

Protective coating for sausages. Trudy VNIIMP no.7:48-67 '55.  
(MLRA 9:8)

(Sausages) (Protective coatings)

LAVROVA, L., kandidat tekhnicheskikh nauk; VOLOVINSKAYA, V., kandidat  
~~tekhnicheskikh nauk; DYKLOP, V., kandidat biologicheskikh nauk;~~  
KALENOVA, M., inzhener.

Duration of salting period in the production of boiled  
sausages. Mias. ind. SSSR 27 no.4:24-29 '56. (MLRA 9:10)

(Sausages)

LAVROVA, L., kandidat tekhnicheskikh nauk; DERGUNOVA, A., mladshiy nauchnyy sotrudnik; POLETAYEV, T.; ZUBKOV, I.

Diagrams for salting hams by injection with a hollow needle. Mias.  
(MLRA 8:10)  
ind. SSSR 26 no. 4:16-17 '55.

1. Vsesoyuznyy nauchno-issledovatel'skiy institut myasnoy promyshlennosti (for Dergunov and Poletayev). 2. Master 1-go klassa Moskovskogo myasokombinata (for Zubkov)  
(Pork industry) (Meat--Preservation)

LAVROVA, L. kandidat tekhnicheskikh nauk; VYCHKANOV, K., inzhener; KRYLOVA,  
V., inzhener.

Continuous brine producer. Mias. ind. SSSR 28 no.3:9-11 '57.  
(MIRA 10:6)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut myasnoy pro-  
myshlennosti.  
(Brines) (Meat industry--Equipment and supplies)

LAVROVA, L., kand.tekhn.nauk; VOLOVINSKAYA, V., kand.tekhn.nauk;  
DYKLOP, V., kand.biol.nauk; KRYLOVA, V.; MERKULOVA, V.

Comminuting meat. Mias. ind. SSSR 29 no.1:11-14 '58.  
(MIRA 11:3)

1.Vsesoyuznyy nauchno-issledovatel'skiy institut myasnoy promysh-  
lennosti.  
(Sausages)

LAVROVA, L., kand. tekhn. nauk; KRYLOVA, V., inzh.; POLETAYEV, G.

Innovations in the production of dry smoked sausage. Mias. ind.  
SSSR 29 no.6:18-19 '58. (MIRA 11:12)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut myasnoy promyshlennosti.  
(Sausages)

ANFIMOV, Apollon Nikolayevich, kand.tekhn.nauk; LAVROVA, Lidiya Pavlovna, kand.tekhn.nauk; MANERBERGER, Aleksandr Abramovich, prof.; MIRKIN, Iefim Yul'yevich, kand.tekhn.nauk; Prinimali uchastiye: SMOL'SKIY, N.T., inzh.; DERGUNOVA, A.A., inzh.. NOVOSELOVA, L.V., red.; TARASOVA, N.M., tekhn.red.

[Technology of meat and meat products] Tekhnologija miasa i miasoproduktov. Moskva, Fishchepromizdat, 1959. 593 p.  
(MIRA 13:1)

(Meat industry)

BARMASH, A.I., kand.tekhn.nauk; DERGUNOVA, A.A., starshiy nauchnyy sotrudnik;  
DYKLOP, V.K., kand.bilogicheskikh nauk; DUBROVINA, L.I., mladshiy  
nauchnyy sotrudnik; TRUDOLYUBOVA, G.B.; POLETAYEV, T.N.; V rabote  
prinimali uchastiye; LAVROVA, L.P.; POZHARISKAYA, L.S.; ZUYEVA, L.D.;  
KALITA, L.A.; NESLYUZOV, A.F.; GOL'DMAN, Ye.I.; MAKEYEVA, M.N.;  
STEFANOV, A.F.

Use of blood in sausage manufacturing and canning. Trudy VNI IMP  
(MIRA 13:8)  
no.9:63-74 '59.

1. Vsesoyuznyy nauchnoy-issledovatel'skiy institut myasnoy promy-  
shlennosti (for Lavrova, Pozhariskaya, Zuyeva, Kalita, Neslyuzov).
2. Spetsialisty Moskovskogo myasokombinata (for Gol'dman, Makeyeva,  
Stefanov).  
(Blood as food or medicine) (Sausages)  
(Canning and preserving)

GABRIEL' YANTS, Mikhail Agaronovich, kand.tekhn.nauk; LAVEROVA, L.P.,  
kand.tekhn.nauk, retsenzent; CHOGOVADZE, Sh.K., dotsent,  
retsenzent; LAZAREV, Ye.N., kand.tekhn.nauk, retsenzent;  
ZAKS, Ya.A., retsenzent; CHISTYAKOV, F.M., prof., red. [deceased];  
KOLCHINSKAYA, N.A., red.; MEDRISH, D.M., tekhn.red.

[Study of meat and meat products] Tovarovedenie miasa i miasnykh  
tovarov. Moskva, Gos.izd-vo torg.lit-ry, 1960.

(MIRA 13:11)

1. Nauchno-issledovatel'skiy institut myasnoy promyshlennosti  
(for Lavrova). 2. Leningradskiy institut sovetskoy torgovli imeni  
F.Engel'ssa (for Lazarev). 3. Rosmyasorybtorg Ministerstva torgovli  
RSFSR (for Zaks).

(Meat)

(Eggs)

LAVROVA, L.P., kand.tekhn.nauk; VOLOVINSKAYA, V.P.; KRAVCHENKO, N.D., starshiy nauchnyy sotrudnik; LEVINA, L.I., starshiy nauchnyy sotrudnik; CHIRYATNIK, V.I., starshiy nauchnyy sotrudnik; KONABEVSKIY, A.A., starshiy nauchnyy sotrudnik; KRYLOVA, V.V.; mladshiy nauchnyy sotrudnik; TELEPNEVA, V.P., mladshiy nauchnyy sotrudnik; MATYTSIN, N.N., inzh.; MALYUTIN, P.I., inzh.

Developing a continuous mechanized preparation of sausage meat used in the production of cooked sausages. Trudy VNIIMP no.9: 13-39 '59. (MIRA 13:8)

1. Moskovskiy myasokombinat (for Matytsin and Malyutin).  
(Sausages)

BARMASH, A.I., kand.tekhn.nauk; BARSUKOVA, A.P., mladshiy nauchnyy sotrudnik; GUSAKOVSKIY, Z.P., inzh., red.; OCHKIN, V.A., inzh., red.; GORBATOV, V.M., red.; SINITSYN, K.D., red.; LAVROVA, L.P., red.; SHIPOV, V.P., red.; KARPOV, V.I., red.; RUMYANTSEVA, Ye.P., tekhn. red.

[Technological instructions for the production of meat and meat products] Tekhnologicheskie instruktsii po proizvodstvu miasa i miasnykh produktov. Moskva, 1962. Sec. 11.[Canned meat] Konservy. 1962. 641 p. (MIRA 16:6)

1. Moscow. Vsesoyuznyi nauchno-issledovatel'skiy institut myasnoy promyshlennosti. 2. Sotrudniki Vsesoyuznogo nauchno-issledovatel'skogo instituta myasnoy promyshlennosti (for Barmash, Barsukova).  
(Meat, Canned)

LAVROVA, L.P., kand.tekhn.nauk; DUBROVINA, L.I., starshiy nauchnyy sotrudnik;  
MOROZOVA, L.I., mladshiy nauchnyy sotrudnik; KUCHERENKO, G.N.,  
mladshiy nauchnyy sotrudnik; KCCHUR, A.V., mladshiy nauchnyy  
sotrudnik

Investigating the thermal processing of sausage products. Trudy  
(MIRA 16:8)  
VNIIMP no.14:3-10 '62.  
(Sausages)

GAYEVOY, Ye.V., kand. sel'khoz. nauk; BARMAN, A.I., kand. tekhn.  
nauk; VOYNOVA, P.A., st. nauchn. sotr.; LAVROVA, L.P.,  
LIKERMAN, S.G., kand. tekhn. nauk.

[New developments in the technology of meat and meat  
products] Novoe v tekhnologii miasa i miasoproduktov;  
uchebnoe posobie. [By] E.V.Gaevoi i dr. Moskva, Vses.  
zaochnyi tekhnikum miasnoi i molodhnoi promyshl., 1963.  
(MIRA 17:4)  
122 p.

1. Vsesoyuznyy nauchno-issledovatel'skiy institut myasnoy  
promyshlennosti.

KUKHARKOVA, L. L.; LAVROVA, L. P.; FREYDLIN, Ye. M.; KASTRULINA, Z. N.; PEROVA, P. V.  
BUSHKOVA, L. A.

"Cover pickles microflora in smoked pork meats and bacon production."

report submitted for European Mtg, Meat Res Workers, Rockilde, Denmark, 7-15 Aug  
64.

LAVROVA, L.P., kand. tekhn. nauk; KUKHARKOVA, L.L., starshiy nauchnyy sotrudnik; SOLOV'YEV, V.I., kand. khim. nauk; IL'YASHENKO, M.A., kand. veteran. nauk; KRYLOVA, V.V., starshiy nauchnyy sotrudnik; VOLKOVA, A.G., mladshiy nauchnyy sotrudnik; KUZNETSOVA, G.N., maldshiy nauchnyy sotrudnik; POLETAYEV, T.N., mladshiy nauchnyy sotrudnik

Intensification of technological processes in the production of hard smoked sausages. Trudy VNIIMP no.11:57-75 '62.  
(MIRA 18:2)

KUKHARKOVA, L.L., starshiy nauchnyy sotrudnik; LAVROVA, L.P., kand. tekhn. nauk; SOLOV'IEV, V.I., kand. khim. nauk; FREYDLIN, Ye.M., kand. veter. nauk; PEROVA, P.V., kand. veter. nauk; SADIKOVA, I.A., kand. biol. nauk; KRYLOVA, V.V., starshiy nauchnyy sotrudnik; BUSHKHOVA, L.A., starshiy nauchnyy sotrudnik; RYNDINA, V.P., starshiy nauchnyy sotrudnik; TRUDOLYUBOVA, G.B., starshiy nauchnyy sotrudnik; KARGAL'TSEV, I.I., assistent; MIKHAYLOVA, A.Ye., mladshiy nauchnyy sotrudnik; KARPOVA, V.I., mladshiy nauchnyy sotrudnik; POLETAYEV, T.N., mladshiy nauchnyy sotrudnik; MERKULOVA, V.K., mladshiy nauchnyy sotrudnik

Directed use of microorganisms for the improvement of the quality of sausage products. Report No. 1. Trudy VNIIMP no.16: 64-75 '64. (MIRA 18:11)

1. Kafedra tekhnologii Moskovskogo tekhnologicheskogo instituta myasnoy i molochnoy promyshlennosti (for Kargal'tsev).

KUKHARKOVA, L.L., starshiy nauchnyy sotrudnik; LAVROVA, L.P., kand.  
tekhn. nauk; SOLOV'YEV, V.I., kand. khim. nauk; FREYDLIN, Ye.M.,  
kand. veter. nauk; PEROVA, P.V., kand. veter. nauk; SADIKOVA,  
I.A., kand. biol. nauk; KRYLOVA, V.V., starshiy nauchnyy  
sotrudnik; BUSHKOVA, L.A., starshiy nauchnyy sotrudnik;  
RYNDINA, V.P., starshiy nauchnyy sotrudnik

Directed use of microorganisms for the improvement of the  
quality of sausage products. Report No. 2. Trudy VNIIMP no.16:  
(MIRA 18:11)  
76-109 '64.

SOLOV'YEV, V.I., kand. khim. nauk; LAVROVA, I.P., kand. tekhn. nauk;  
SADIKOVA, I.A., kand. biol. nauk; KRYLOVA, V.V., starshiy  
nauchnyy sotrudnik; BUSHKOVA, L.A., starshiy nauchnyy sotrudnik;  
MERKULOVA, V.K., mladshiy nauchnyy sotrudnik; POLETAYEV, T.N.,  
mladshiy nauchnyy sotrudnik; KARPOVA, V.P., inzh.-khimik;  
MAMAYEVA, S.A., tekhnik

Studying some conditions providing for color intensity and  
stability in the production of smoked and cooked sausage.  
Trudy VNIIMP no.16:183-201 '64. (MIRA 18:11)

KHAR'YOVKA, L.V.

The antigenic properties of high-molecular polysaccharides isolated from protein and synthetic blood substitutes. S. S. Kharlamenko and L. V. Lavrova. *Problemy Gematol., i Perel'staniya Krvi* T. No. 1, 53-60 (1956).—Polysaccharides isolated from normal bovine blood, from therapeutic serum of Belen'kil and from BK-8, are serologically active agents. The high-polymer polysaccharides possess antigenic properties. These are more pronounced in polysaccharides of bovine serum, LSB, and sincola; the antigenic properties of BK-8 and of polyglyukin are very weak. The polysaccharides of normal blood serum, LSB, and of sincola showed highest absorption intensities at 2850 Å.; in the case of BK-8 and of polyglyukin the absorption intensity at 2850 Å. was considerably weaker. In preparing polysaccharide plasma substitutes consideration should be given to factors which control the period of their retention within the circulation, such as mol. wt., and to their susceptibility to form antigenic protein-polysaccharide complexes at their transfusion.

B. S. Levine

3

Belorussian Sci Res Inst Blood Transfusion (Kharlamenko, director)

79-28-5-12/69

AUTHORS: Yevstigneyeva, R.P., Lavrova, L.V., Zarankina, Ts. D.,  
Preobrazhenskiy, N. A.

TITLE: Investigations in the Series of Isoquinoline Compounds  
(Issledovaniya v ryadu izokhinolinovykh soyedineniy)  
XIII. Synthesis of 8-Methylemetine (XIII. Sintez 8-metilemetina)

PERIODICAL: Zhurnal Obshchey Khimii, 1958, Vol. 28, Nr 5, pp. 1190-1196,  
(USSR)

ABSTRACT: The synthesis of 8-methylemetine was carried out in order  
to explain the influence of the alkyl substituent at the carbon  
atom C<sub>8</sub> in the molecule of emetine on the formation of the  
rubro compound. For the synthesis of 8-methylemetine that  
scheme elaborated for the production of emetine served as  
scheme (ref. 1). (see reaction process in the mentioned  
scheme)! The final product, the desired 8-methylemetine  
(XIII) separates in the end in form of a light-yellow oil.  
By treating the ether solution of 8-methylemetine with an ether  
saturated with hydrogen chloride a chlorine hydrate is obtained

Card 1/3

79-28-5-12/69

Investigations in the Series of Isoguinoline Compounds. XIII. Synthesis  
of 8-Methylemetine

in form of a colorless amorphous powder. A crystalline chlorine hydrate could not be obtained as it is extremely soluble in alcohol. In the case of the oxidation of the basic 8-methylemetine (XIII) with bromine and iodine no rubro-compounds could be synthetized. The oxidation with bromine yielded a slightly yellowish, and that with iodine a yellow amorphous product. The ultraviolet spectra (see figure) of these compounds remind intensely of the spectra of the salts of psychotrine which, as is known, represents an intermediate product in the oxidation of emetine in its conversion to rubroemetine. Thus the presence of an alkyl substituent at the carbon atom C<sub>8</sub> hampers the formation of a rubro compound, which proves the participation of the carbon atom C<sub>8</sub> in the formation process of rubremetine. There are 1 figure and 3 references, 2 of which are Soviet.

Card 2/3

79-28-5-12/69

Investigations in the Series or Isoquinoline Compounds. XIII. Synthesis  
of 8-methylemetine

ASSOCIATION: Moskovskiy institut tonkoy khimicheskoy tekhnologii  
(Moscow Institute for Fine Chemical Technology)

SUBMITTED: April 18, 1957

Card 3/3

LAVROVA, L.V.; CHEKEDOVA, I.K.

Synthetic colloidal plasma substitutes in surgery. Zdrav.Belor.  
6 no.2:53-54 F '60. (MIRA 13:6)

1. Belorusskiy nauchno-issledovatel'skiy institut perelivaniya  
krovi (direktor S.S. Kharamonenko) i onkokhirurgicheskoye otde-  
leniye 1-y klinicheskoy bol'nitsy (glavnnyy vrach A.I. Shuba).  
(BLOOD PLASMA SUBSTITUTES)

LAVROVA, L.V.; DOVGALEV, S.I.

Use of a hydrolysate produced by the Central Institute of the  
Order of Lenin of Hematology and Blood Transfusion in the com-  
pound treatment of surgical diseases. Zdrav. Bel. 9 no.8:68-71  
(MIRA 17:3)  
Ag'63

1. Iz Belorusskogo nauchno-issledovatel'skogo instituta pere-  
livaniya krovi ( dir. - S.S. Kharamonenko).

LAVROVA, M. A.

21471

LAVROVA, M. A.

O Baltiysko--Belomorskem mezhlednikovom soyedinenii.  
Trudy Vtorogo Vsesoyuz. geogr. s"yezda. T. P. M., 1948.  
s. 177 - 87. Bibliogr: s. 186 - 87

SO: Letopis' Zhurnal'nykh Statey, No. 29, Moskva, 1949

LAVROVA, M.A.

Marine interglacial transgressions in the Pechora region.  
Uch.zap.Len.un.no.124:13-51 '49. (MLRA 9:6)  
(Pechora Valley--Paleogeography)

LAVROVA, M.A.

Comments on N.I. Apukhtin's article "Stratigraphy of Quaternary sediments of the Kola Peninsula and Northern Karelia as revealed by recent investigations." Izv. Kar. i Kol'. fil. AN SSSR no.1: 159-163 '59.  
(Kola Peninsula--Geology, Stratigraphic)

LAVROVA, Mariya Alekseyevna; SIDORENKO, A.V., otv.red.; DOLMATOV, P.S.,  
red.izd-va; BOCHEVER, V.T., tekhn.red.

[Quaternary geology of the Kola Peninsula] Chetvertichnaya  
geologiya Kol'skogo poluostrova. Moskva, Izd-vo Akad.nauk  
SSSR, 1960. 233 p. (MIRA 13:2)

1. Chlen-korrespondent AN SSSR (for Sidorenko).  
(Kola Peninsula--Geology)

LAVROVA, M.A.; GRICHUK, M.P.

Recent data on the Mga marine interglacial deposits. Dokl. AN SSSR  
135 no.6:1472-1475 D '60. (MIRA 13:12)

1. Predstavлено академиком V.N.Sukachevym.  
(Neva Valley—Geology, Stratigraphic)

LAVROVA, M.A., red.; FADDEYEVA, A.P., red.; ZHINGAREVA-  
DOBROSEL'SKIY, A.T., red.; TOKAREVA, T.N., ved. red.

[Problems of the stratigraphy of Quaternary sediments  
in the northwestern area of the European part of the  
U.S.S.R.] Voprosy stratigrafii chetvertichnykh otlozhenii  
Severo-Zapada Evropeiskoi chasti SSSR; sbornik statei.  
Leningrad, Gostoptekhizdat, 1962. 198 p. (MIRA 18:5)

1. Nauchno-tehnicheskoye gornoye obshchestvo, Moscow.  
Leningradskoye oblastnoye upravleniye.

A, N L 9446-66

EWT(d)/EWT(m)/T-2/EWA(c)/EWP(f)

ACC NR: AP6001005

SOURCE CODE: UR/0286/65/000/022/0076/0076

INVENTOR: Yeremeyev, A. F.; Bashirov, R. M.; Levrova, M. A.

TITLE: Fuel-injection correction method for internal-combustion engines. Class 46,  
No. 176466 [announced by the Central Scientific-Research Institute for Diesels  
(Tsentral'nyy nauchno-issledovatel'skiy dizel'nyy institut)]

SOURCE: Byulleten' izobreteniya i tovarnykh znakov, no. 22, 1965, 76

TOPIC TAGS: internal combustion engine, diesel engine, fuel injection, fuel injector

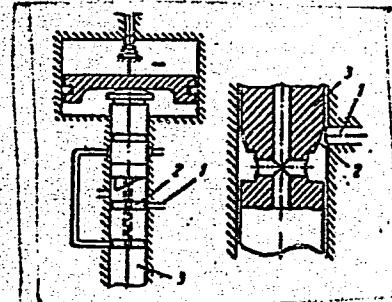
ABSTRACT: An Author Certificate has been issued for a fuel-injection correction  
method for internal-combustion engines having an accumulator-type fuel system. The

Fig. 1. Fuel-injection correction system

- 1 - Channel admitting fuel to injector;  
2 - conic bevel; 3 - plunger.

Card 1/2

UDC: 621.43.038.5

2

L 9446-66

ACC NR: AP6001005

method is based on throttling of the fuel flow at the outset of injection. To provide optimum fuel-pressure-rate increase (in time), during the suction stroke the channel admitting fuel to the injector is constantly open due to a conic bevel on the edge of the plunger (see Fig. 1) which controls the initial fuel feed. Orig. art. has: 1 figure. [LB]

SUB CODE: 21/

SUBM DATE: 13Mar64/ ATD PRESS: 4154

jw  
Card 2/2

L 18462-66 EWT(1)/EWT(m)/EPF(n)-2/T/ETC(m)-6 MM/DJ/ME

ACC NR: AP6006393

SOURCE CODE: UR/0413/66/000/002/0139/0140

INVENTOR: Yeremeyev, A. F.; Bashirov, R. M.; Lavrova, M. A.

ORG: none

TITLE: An accumulator fuel pump.<sup>1</sup> Class 46, No. 178239 [announced by the Central Scientific Research Diesel Institute (Tsentral'nyy nauchno-issledovatel'skiy dizel'-nyy institut)]

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 2, 1966, 139-140

TOPIC TAGS: engine fuel pump, fuel injection

ABSTRACT: This Author's Certificate introduces: 1. An accumulator fuel pump with supply, discharge and bypass channels in the body, an energy accumulator plunger, a raising plunger with an annular groove and a central aperture for discharging fuel from the space between plungers during cutoff. The device is designed for two-phase injection and for producing the necessary law for variation in the quantity of pre-injected fuel.<sup>1</sup> Above the annular groove on the raising plunger is an additional

Card 1/3

UDC: 621.43.038.5

L 18462-66

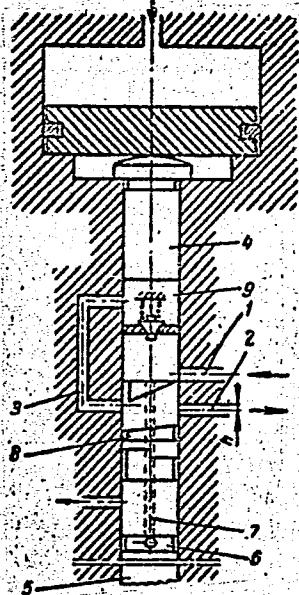
ACC NR: AP6006393

recess with a predetermined shape for momentarily connecting the space between the plungers to the atomizer. 2. A modification of this pump in which the preinjection is controlled by displacing the axes of the bypass and discharge channels with respect to one another by an amount determined by the quantity of preinjected fuel.

Card 2/3

L 18462-66

ACC NR: AP6006393



1 - supply channel; 2 - discharge channel;  
3 - bypass channel; 4 - energy accumulator  
plunger; 5 - raising plunger; 6 - annular  
groove; 7 - central aperture; 8 - additional  
recess of predetermined shape;  $h$  - amount by  
which the axes of channels 2 and 3 are  
shifted; 9 - space between the plungers.

SUB CODE: 21,13/ SUBM DATE: 19Mar64  
Card 3/3

LC

I 39691-66 EWT(1)/EWT(m)/T WW/WE/GD-2  
ACC NR: AP6009725

SOURCE CODE: UR/0114/66/000/003/0019/0021

AUTHOR: Rusinov, R. V. (Candidate of technical sciences); Lavrova, M. A.  
(Engineer)

12

13

ORG: none

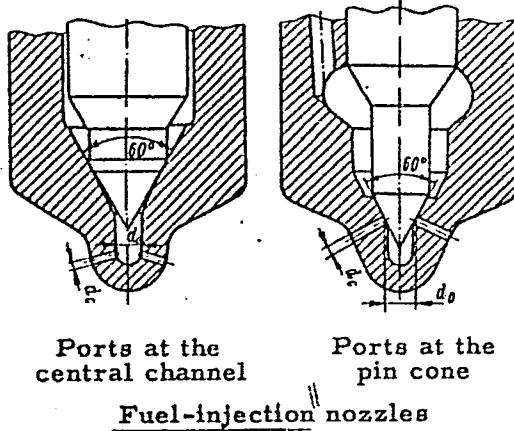
23

TITLE: Calculating the hydraulic characteristics of fuel-injection nozzles in diesels

SOURCE: Energomashinostroyeniye, no. 3,  
1966, 19-21

TOPIC TAGS: diesel engine, fuel nozzle

ABSTRACT: The hydraulic characteristic of an injection nozzle expressed as a function of the total effective cross-section of nozzle ports depending on the pin lift is developed analytically for two nozzle designs (see figure). The characteristic is described by this formula:



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UDC: 621.43.037.001.24

L 39693-66

ACC NR: AP6009725

$$\mu_c = \frac{\pi}{2} \cdot \sqrt{1 + \frac{4 \left[ \mu_k \left( d_0 - \frac{\sqrt{3}}{4} h_u \right) h_u \right]^2}{(\mu_c d_c^2 n)^2}}$$

Two numerical examples illustrate the use of this formula which is claimed to be suitable for calculating the fuel-supply process on a computer. Orig. art. has: 5 figures, 18 formulas, and 2 tables.

SUB CODE: 21 / SUBM DATE: none / ORIG REF: 002

Card 2/2 gl

LÁVRÓVÁ, M., D.

"photographic comparison of light sources in a wide range of brightness,"  
Astron. Zhur., 19, No. 6, 1952. (submitted 15 Sept 1942)

Report U-1518, 23 Oct. 1951

LAVROVA, M.P.

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